

2020 Census 27-29. Post-Enumeration Survey (PES) Operations – 29. CMFO

Version: 5.4 – with Annotations v05b
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| | |
|--------------------------|---|
| Facilitation & Analysis: | Lena Oleynikova, MITRE |
| Model Preparation: | Monique Edmonds, Chidinma Oyedokun, MITRE |
| Subject Matter Experts: | Judy Belton, Nicholas von Stein, Timothy Kennel |

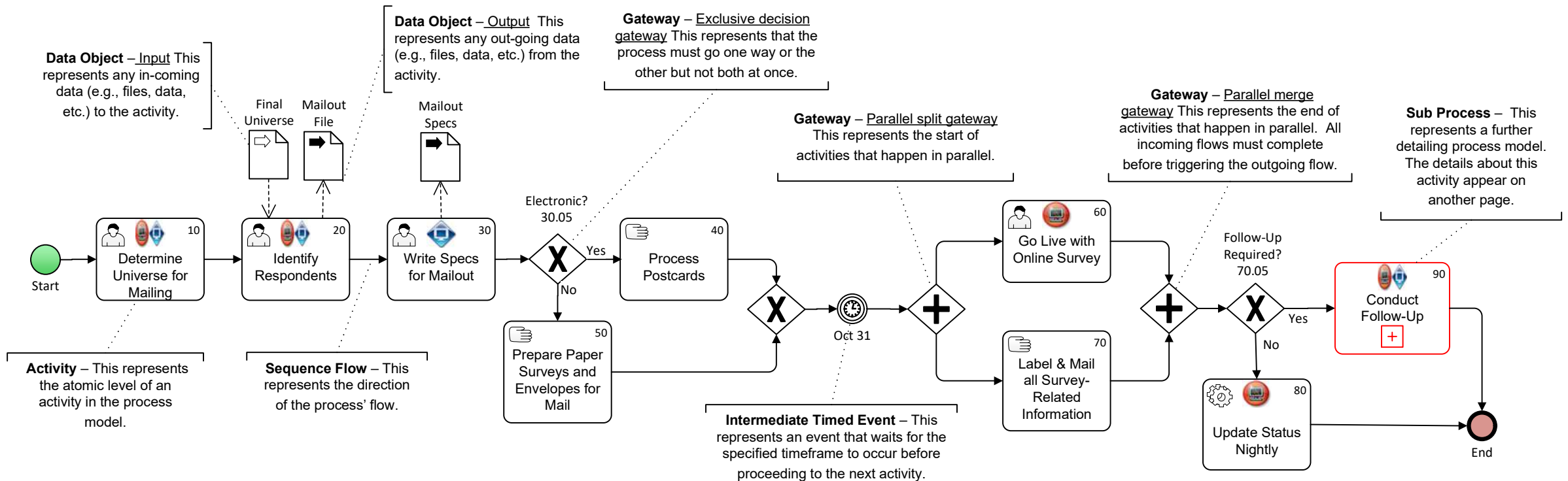
| Major Revision Change History | | | | |
|-------------------------------|--|--|-----------|---|
| Date | Description | Author | Version # | Page #'s |
| 08/16/2016 | Incorporated changes from SME Reviews | Dan Ladino | 0.11-0.13 | All |
| 09/28/2016 | Incorporated changes from SMEs/IPT | Dan Ladino Aurelia Gardner S. Goggin | 0.14-0.26 | Various |
| 11/08/2016 | Incorporated changes from CM Review | Dong-Nghi Hua | 0.27 | 6-7 |
| 11/21/2016 | Updates for baseline release (CR 117) | Dong-Nghi Hua | 0.28 | 6 |
| 01/13/2017 | Updates from CM Reviews (CR 157) | Dong-Nghi Hua S. Goggin | 3.0 | All |
| 01/27/2017 | Updates from CM Reviews (CR 162) | Dong-Nghi Hua | 3.1 | 7-8 |
| 02/08/2017 | Updates from CM Reviews (CR Pending) | Dan Ladino | 3.2 | 9-15 |
| 02/14/2017 | Updates for CM to PES change (CR 167) | Dong-Nghi Hua | | All |
| 02/27/2017 | Updates from CM SME Reviews to create new baseline. | Dan Ladino | 3.3 | 9-15 |
| 04/14/2017 | Updates from CM Reviews | Dong-Nghi Hua | 3.4 | All |
| 09/29/2017 | Multiple updates to all sub operations | Dan Ladino Gwen Pennington Katherine Turel | 3.18 | All |
| 11/06/2017 | Multiple updates to Matching | Dan Ladino | 3.21 | All |
| 01/17/2018 | Multiple updates to the Matching BPM based on JAD sessions | Dan Ladino | 3.22 | All |
| 05/31/2018 | Updates from CM Reviews | Chidinma Oyedokun | 4.1 | 4,7 |
| 07/26/2018 | Multiple updates to Matching and Field Operation | Chidinma Oyedokun | 4.2 | 4,11,13-16, 32 33,36,39,40 57,58,60-63 60 - 78 |
| 07/25/2018 | Updates to CMDE processes | Monique Edmonds | 4.4 | All |
| 09/04/2018 | CR 3196 | Monique Edmonds | 4.0 | All |
| 12/04/2018 | Updates to CMDE processes | Monique Edmonds | 4.5 | 60-78 |
| 12/07/2018 | Formatting & Pre-OII Process Updates | Monique Edmonds | 5.0 | All |
| 05/21/2019 | Updates from PES DOP Reviews WIP | MITRE | 5.1 | All |
| 08/29/2019 | Updates from PES DOP Reviews | MITRE | 5.2 | All |
| 10/07/2019 | Updates from PES CAPs Reviews | MITRE | 5.3 | All |
| 04/07/2020 | Updates from PES Input/Output Reviews | MITRE | 5.4 | All |

Reading and Understanding the Model

Example Activity Model

BPM Purpose

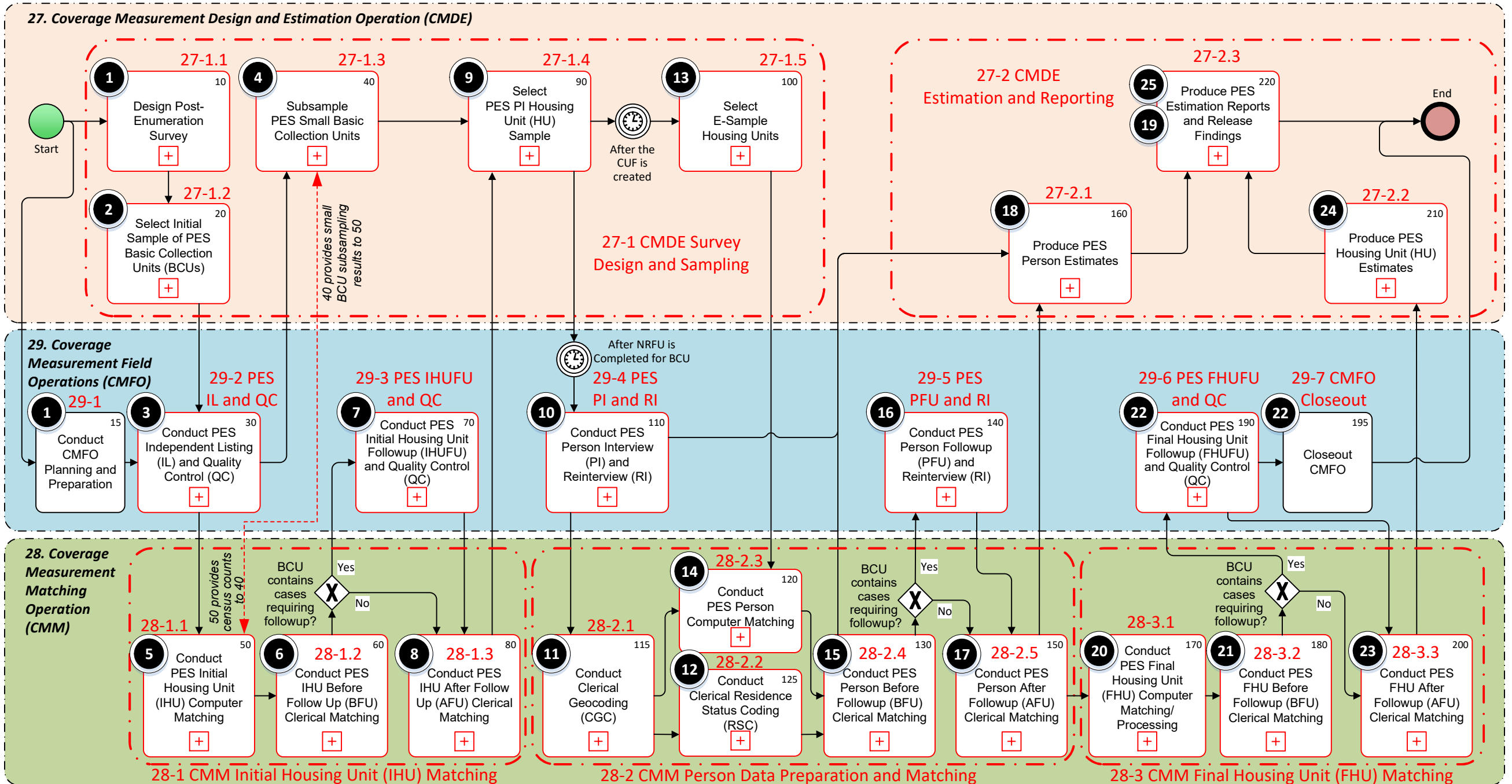
- Describe Census Operations business processes – activities, resources and key milestones
- Provide the details necessary for non-subject matter experts to understand the business process
- Contribute to the requirements development process
- Facilitate the linkage of business processes to IT capabilities
- Capture Operations inputs and outputs



| Key: | Activities | | | | | | Gateways | Data Objects | Other |
|-----------------------------------|---|--|--|--|--|--|--------------|--------------|----------------|
| Events | | | | | | | | | |
| Start: | Activity at atomic level: Activity 10 | | | | | | Exclusive: | Input: | Sequence Flow: |
| End: | Activity containing a sub process: Sub Process 20 | | | | | | Parallel: | Output: | Association: |
| Intermediate Timed Event: | Optional Activity Numbering: Activity 10, Sub Process 20 | | | | | | Event Based: | Data Store: | Annotation: |
| Flow continued on another page: | Activity involving: → USER interacting with a system or software: → SENDING a message: | | | | | | | | |
| Flow continued from another page: | → MANUAL activity (no system/software involved): → RECEIVING a message: | | | | | | | | |
| | → SERVICE or batch processing: → RECURRING steps: | | | | | | | | |
| | → Any system developed specifically for Census' use: → Any commercial-off-the-shelf (COTS) products: | | | | | | | | |
| | → Both a system developed specifically for Census' use and COTS products: | | | | | | | | |

2020 Post-Enumeration Survey (PES) Operations

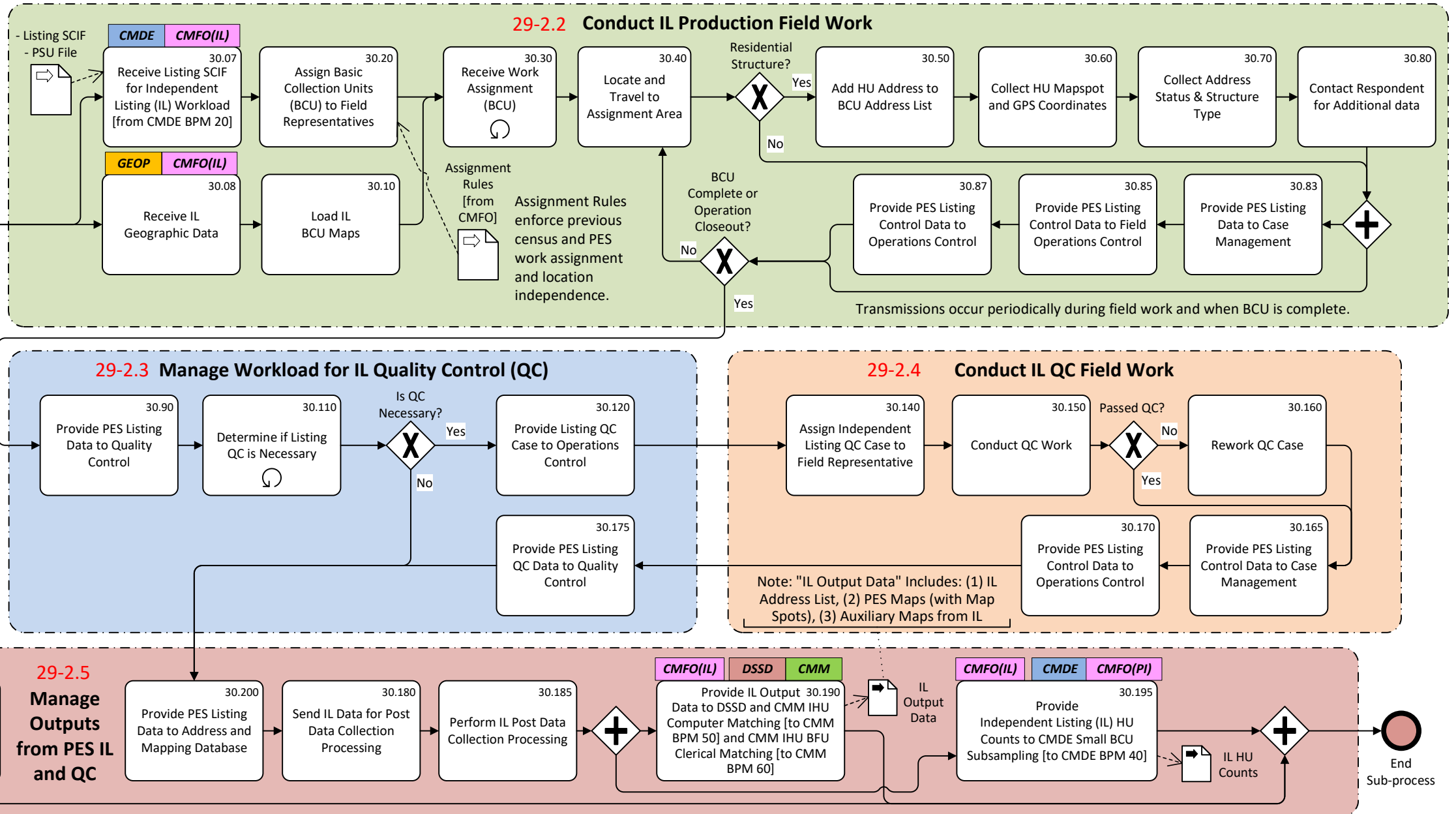
Purpose: To evaluate coverage of the 2020 Census in order to improve future censuses. The Census Bureau conducts the Post-Enumeration Survey (PES) to measure the coverage of the 2020 Census. The PES is designed to measure the coverage of housing units and people, excluding group quarters and people residing in group quarters.



CMFO: 30 Conduct PES Independent Listing (IL) and Quality Control (QC)

Purpose: The CMFO Independent Listing (IL) field operation creates an address list for the PES Basic Collection Units (independent of census address information) in order to conduct housing unit matching. IL excludes Group Quarters. Units which are partially torn down, condemned or determined to be unfit for habitation should be listed if someone is living in them or could live in them.

29-2 PES Independent Listing (IL) and Quality Control (QC)

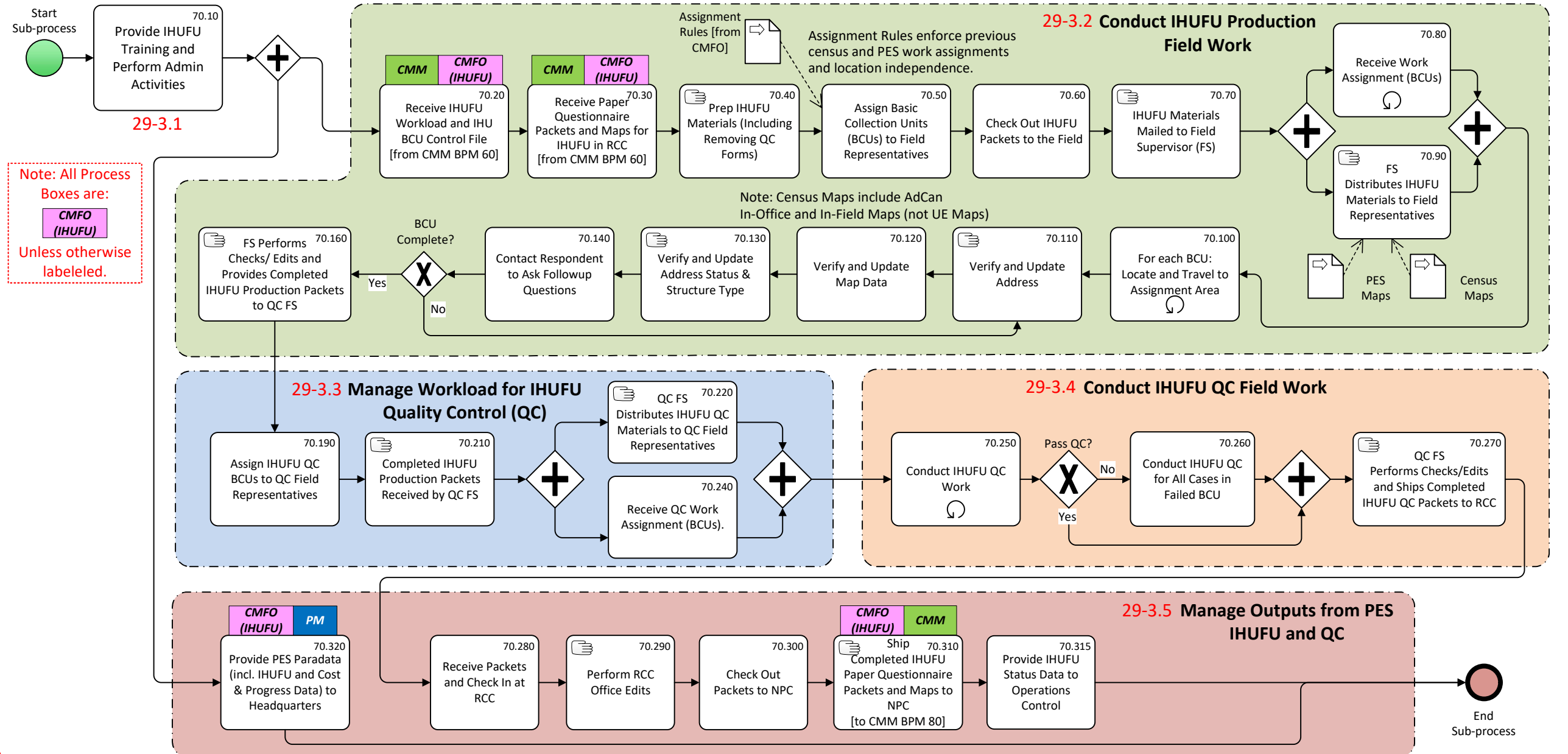




CMFO: 70 Conduct PES Initial Housing Unit Followup (IHUFU) and Quality Control (QC)

Purpose: The CMFO Initial Housing Unit Followup (IHUFU) field operation collects additional information about housing unit addresses in the sample areas that might allow a resolution of HU status and match codes for any difference between the IL and the census address file or any duplication on either list.

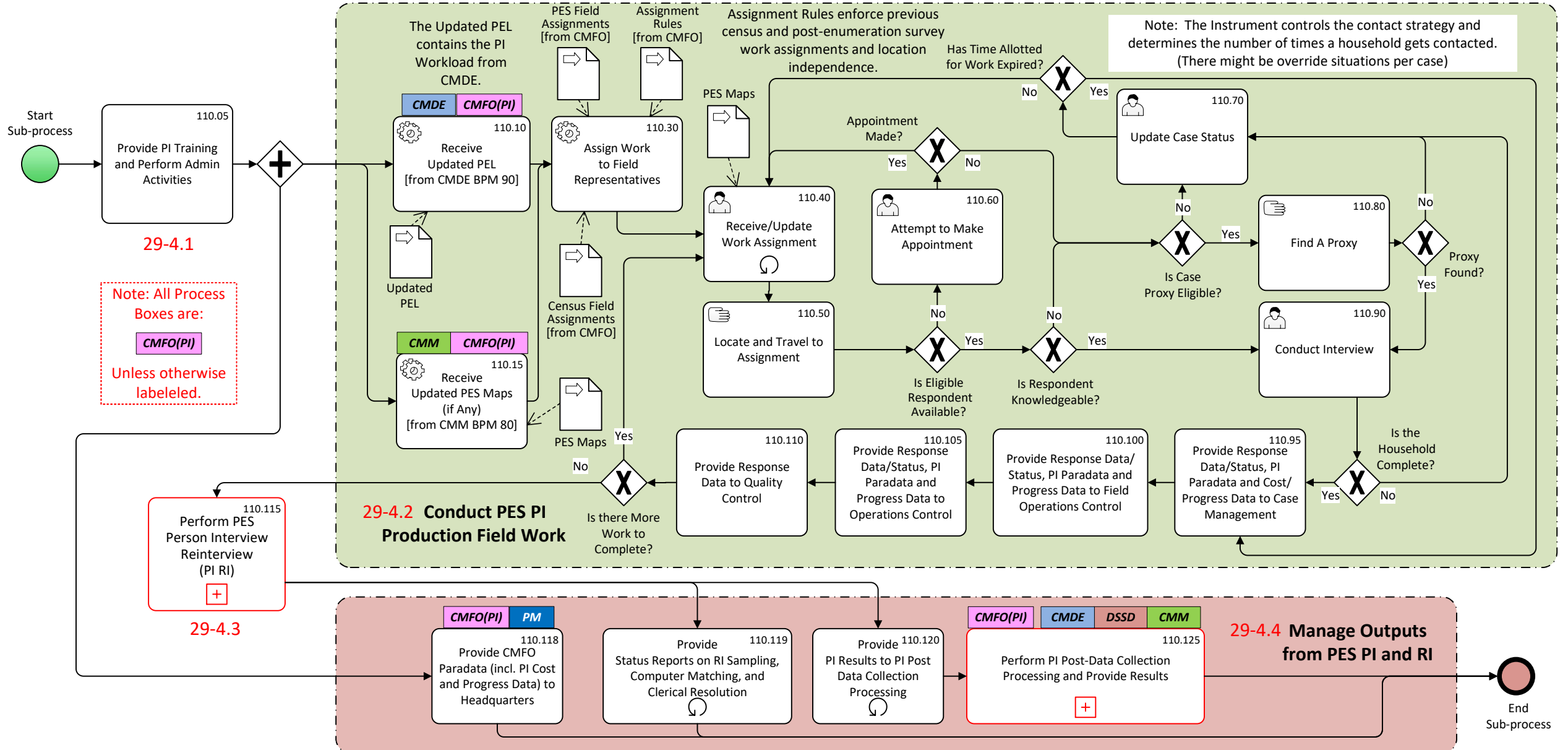
29-3 PES Initial Housing Unit Followup (IHUFU) and Quality Control (QC)



CMFO: 110 Conduct PES Person Interview (PI) and Reinterview (RI)

Purpose: The CMFO Person Interview (PI) field operation creates a list of persons living in the PI Sample addresses.

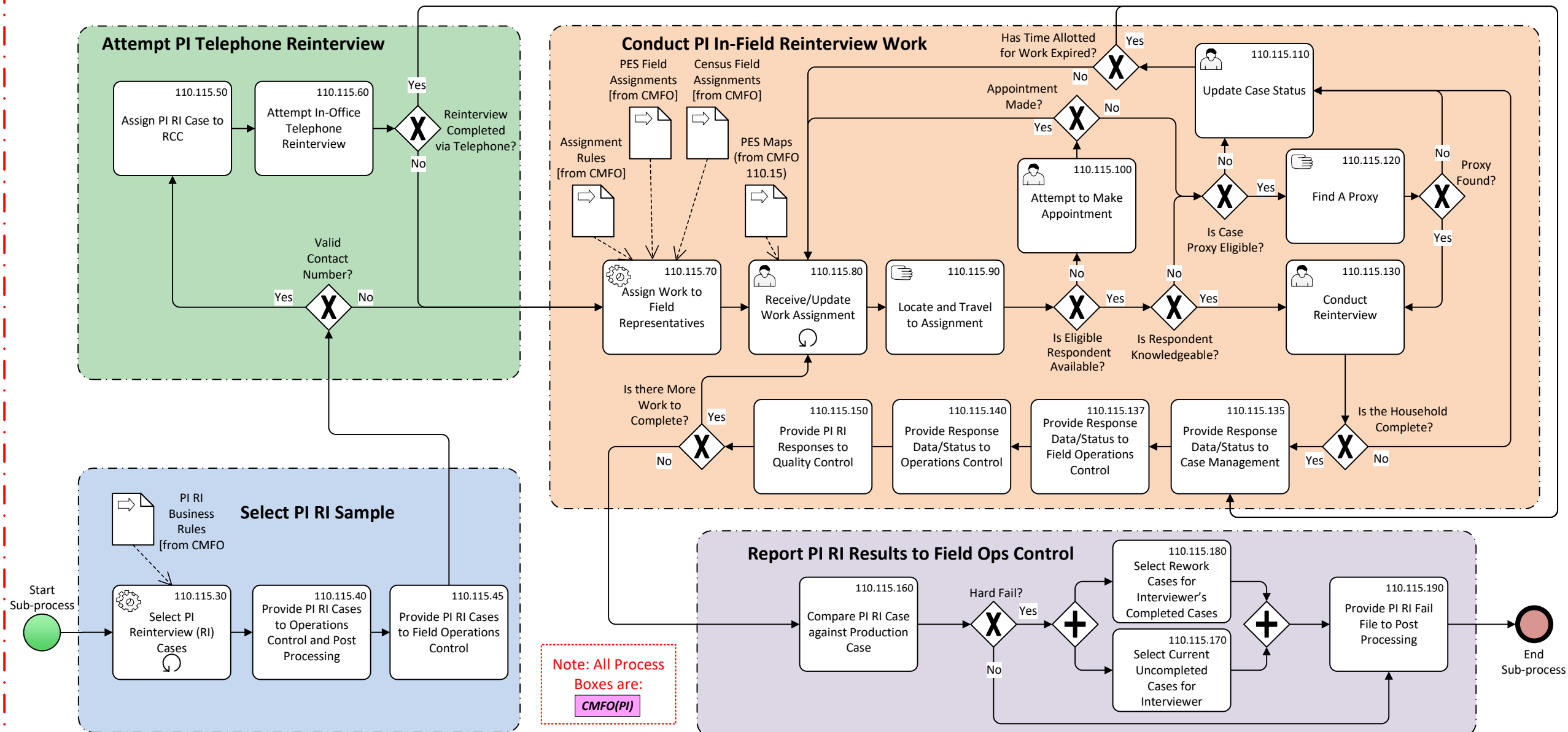
29-4 PES Person Interview (PI) and Reinterview (RI)



CMFO: 110.115 Perform PES Person Interview Reinterview (PI RI)

Purpose: To measure and improve the quality of the data collected during Person Interview. The intent of this activity is to detect and deter data falsification and identify any enumerators who do not follow correct procedures.

29-4.3 Perform PES Person Interview Reinterview (PI RI)



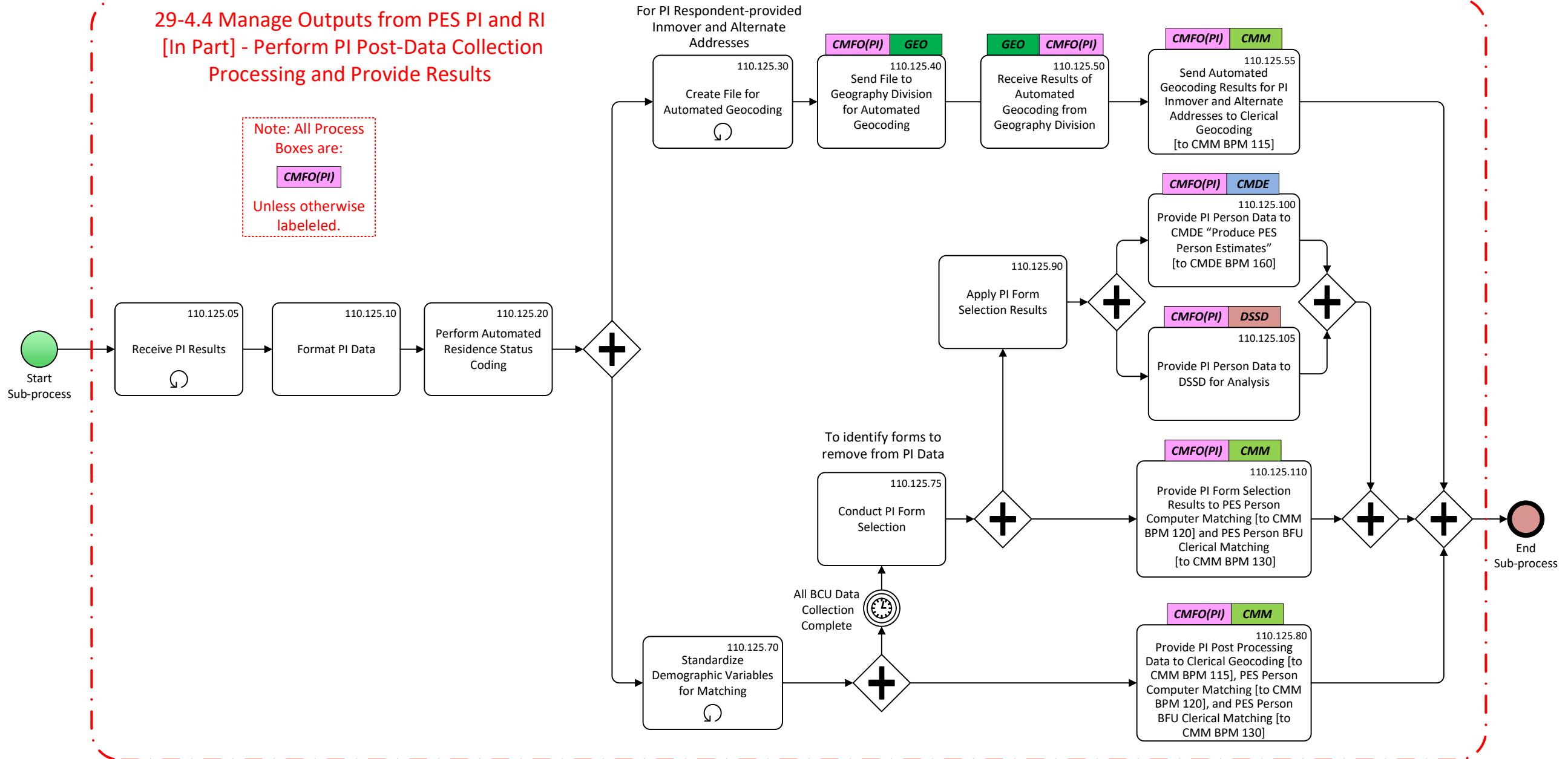


CMFO 110.125 Perform PI Post-Data Collection Processing and Provide Results

Purpose: Person Interview data is processed to ensure correct information has been collected by the PES instrument and to standardize the data for further processing.

29-4.4 Manage Outputs from PES PI and RI [In Part] - Perform PI Post-Data Collection Processing and Provide Results

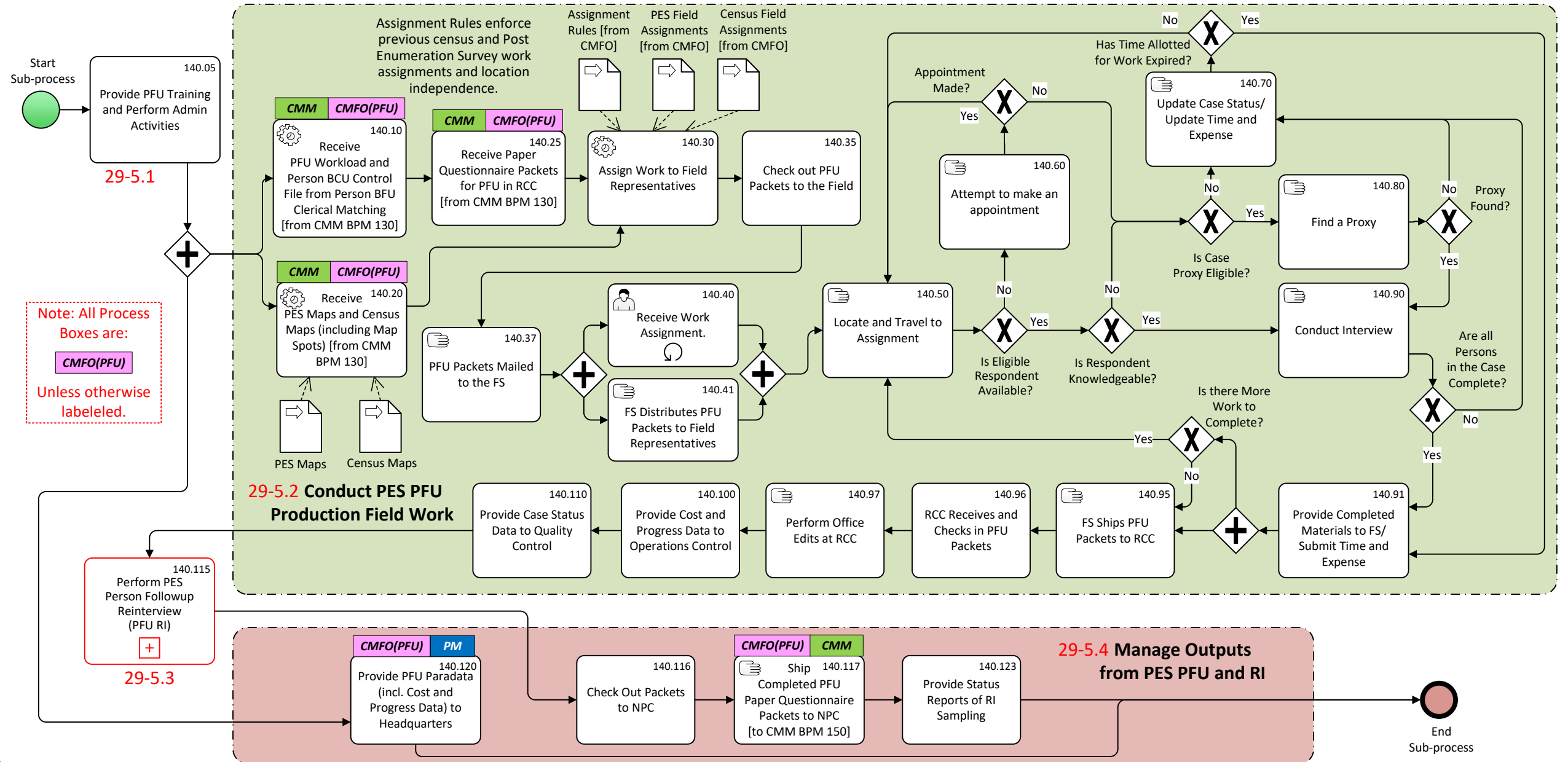
Note: All Process
Boxes are:
CMFO(PI)
Unless otherwise
labeled.



CMFO: 140 Conduct PES Person Followup (PFU) and Reinterview (RI)

Purpose: The CMFO Person Followup (PFU) field operation collects additional information about PES and census persons in the PES sample areas and nationwide that might allow a resolution of differences between the PES and the census enumeration information.

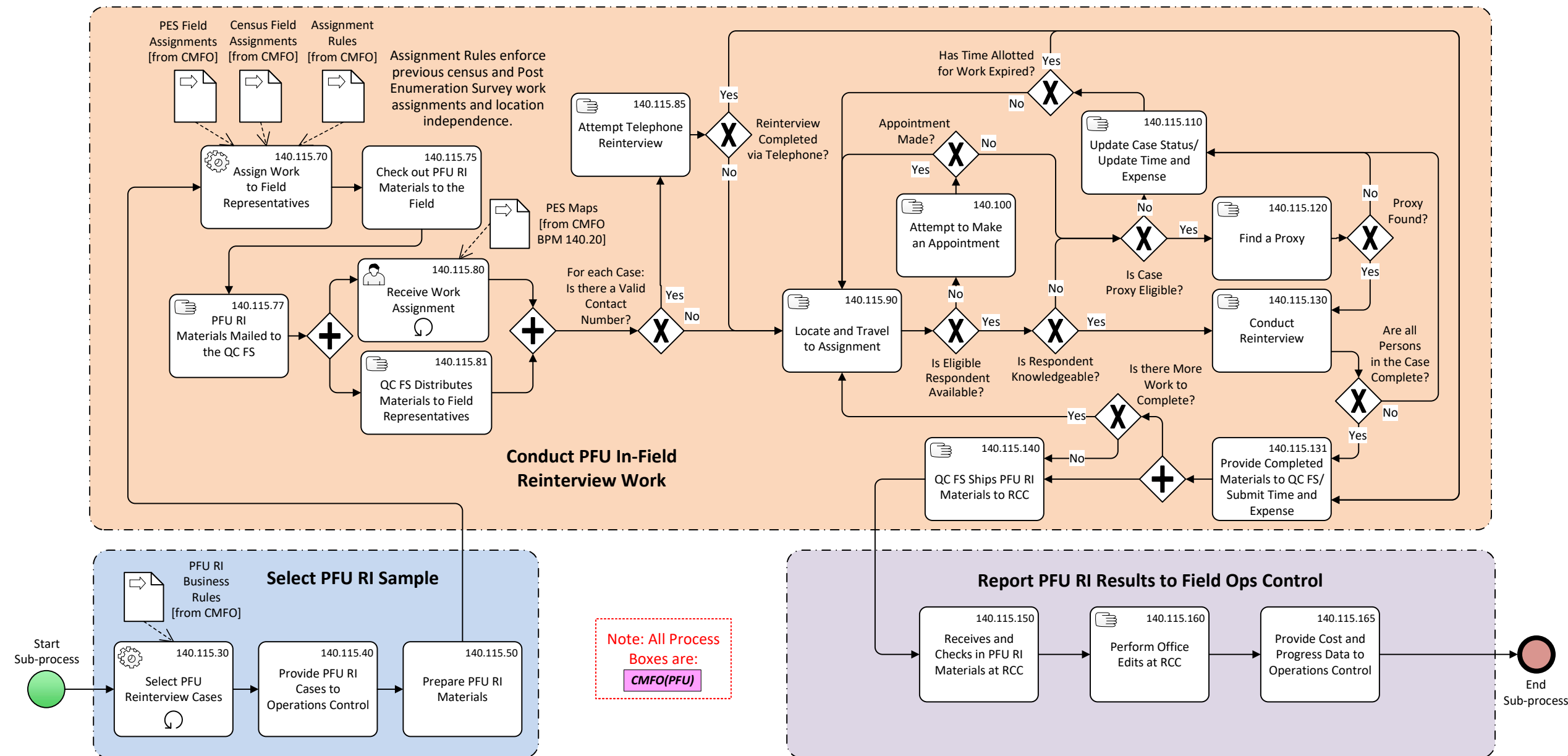
29-5 PES Person Followup (PFU) and Reinterview (RI)



CMFO: 140.115 Perform PES Person Followup Reinterview (PFU RI)

Purpose: To measure and improve the quality of the data collected during Person Followup. The intent of this activity is to detect and deter data falsification and identify any enumerators who do not follow correct procedures.

29-5.3 Perform PES Person Followup Reinterview (PFU RI)



CMFO: 190 Conduct PES Final Housing Unit Followup (FHUFU) and Quality Control (QC)

Purpose: The CMFO Final Housing Unit Followup (FHUFU) field operation collects additional information about housing unit addresses in the sample areas that might allow a resolution of HU status and match codes for any difference between the P-Sample and the final census address file or any duplication on either list.

29-6 PES Final Housing Unit Followup (FHUFU) and Quality Control (QC)

